

The Golden Gate National Parks contain more endangered species than any other National Park in continental North America. The Park's astounding array of imperiled species is certainly cause for celebration: we are fortunate to have such a diverse landscape in public ownership. But it is also cause for concern: it may indicate that we need to reflect upon our relationship with this great National Park.

The GGNP Endangered Species Big Year is a race against time to see and save each of the 36 endangered species found in the Park. It is a competitive event: the person who sees and helps save the most species by the end of the year will win the race. Use this checklist to explore the GGNP, examine your relationship to this landscape, and protect the endangered species that call the Park home.



Participating in the Endangered Species Big Year is easy:

- *First*, sign-up for your GGNP's Endangered Species Big Year at www.wildequity.org.
- *Second*, use this checklist to discover the GGNP's endangered species and how you can help them recover.
- *Third*, see and save the GGNP's endangered species by exploring the GGNP's and completing actions that help species recover.
- *Fourth*, as you see and save species, mark your checklist and submit the data on-line.
- You can also interact with other competitors and sign-up for Big Year expeditions at www.wildequity.org.

Endangered Species Big Year Ethical Principles

To help the GGNP's endangered species thrive, all GGNP Endangered Species Big Year participants must follow these Ethical Principles:

Be a responsible National Park visitor.

- Keep clothes and shoes clean so you don't inadvertently spread invasive plant seeds.
- Never take any animal, plant, or any other item from the Park.
- Learn and respect the rules and values of the National Park.
- Promote the protection and preservation of park resources and values for future generations.
- Share these ethics by word and by example.

Respect wildlife and wildlife habitats.

- Walk and talk softly.
- Stay on trails and within designated public areas; exercise caution to avoid disturbing or modifying endangered species habitat.
- Never feed wildlife. Allow wild animals to carry on their lives without disruption.
- Never use calls, recordings or other intrusive methods to attract threatened or endangered species.
- Properly dispose of trash; leave behind only footprints.
- Leave pets at home.

Respect the rights of others.

- Observe all laws and regulations governing roads and public areas.
- Behave in a courteous manner that will generate goodwill for the naturalist community.

The GGNP Endangered Species Big Year is a project of

WILDEquity
INSTITUTE

Building a healthy and sustainable global community for people
and the plants and animals that accompany us on Earth
www.wildequity.org

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2010 Golden Gate National Parks Endangered Species **bigyear** CHECKLIST

*A Race Against Time to See and Save
the GGNP's 36 Endangered Species*

www.wildequity.org



Golden Gate National Parks Legislative Boundary



The GGNP is bigger than you think!
This map will help you explore the
GGNP during your Endangered
Species Big Year.

Checklist Key & Instructions

 These species are too imperiled to see. No wild sightings count for the Big Year. See wildequity.org for rules.

 Check-off a species when you observe it in the GGNP.

 Check-off an *action item* when you complete it.

For complete rules, identification tips, upcoming trips, and to record data from your Big Year, visit the Big Year website at www.wildequity.org.

MAMMALS

Southern Sea Otter

Reduce disease: landfill—never flush—kitty litter &/or ask others to do so

Steller Sea Lion

Keep the sea free of plastics: use a reusable bag when you shop

Humpback Whale

Reduce ship strikes: ask public officials for speed limits in marine sanctuaries

Salt Marsh Harvest Mouse

Restore Harvest Mouse habitat: volunteer for a marsh restoration project

FLOWERING PLANTS

San Mateo Thornmint 

Restore Thornmint habitat: volunteer at Edgewood County Park

Presidio Manzanita 

Preserve native plants: volunteer with San Francisco's Natural Areas Program

Tiburon Paintbrush

Restore Paintbrush habitat: volunteer in Marin County

Fountain Thistle

Restore Fountain Thistle habitat: volunteer in San Mateo County

Presidio Clarkia

Aid Clarkia recovery: help monitor & restore Clarkia in Tennessee Hollow

San Mateo Woolly Sunflower

Spread the word: tell the Sunflower's story and convince five people to help

Marin Dwarf-Flax

Restore Dwarf-Flax habitat: volunteer with the Presidio Park Stewards

San Francisco Lessingia

Aid Lessingia recovery: monitor & restore Lessingia in Lobos Creek Valley

White-Rayed Pentachaeta

Help control invasive plants: become a GGNP Weed Watcher

California Seablite 

Restore Seablite habitat: expand restoration efforts at Crissy Field Marsh

Showy Indian Clover 

Call public officials: ask them to provide equal ESA protection for plants

Gowen Cypress

Think & Adapt: consider how to best save nature in an era of climate change

HERPS (REPTILES & AMPHIBIANS)

California Red-Legged Frog

Restore frog habitat: volunteer at Mori Point

San Francisco Garter Snake

Restore Garter Snake habitat: tell public officials to restore Sharp Park

BIRDS

Marbled Murrelet

End oil spills: walk, bike, or take transit to work for a week

Western Snowy Plover

Reduce harassment: leash your dog in plover areas &/or ask others to do so

California Clapper Rail

Keep baby birds safe: keep your cat indoors &/or ask others to do so

California Least Tern

Restore nesting habitat: volunteer at the proposed Alameda Wildlife Refuge

Northern Spotted Owl

Restore foraging habitat: volunteer at Muir Woods

INVERTEBRATES

San Bruno Elfin Butterfly

Restore Elfin habitat: volunteer at San Bruno Mountain &/or in Pacifica

Bay Checkerspot Butterfly

Combat global warming: calculate your carbon footprint, then reduce it

Mission Blue Butterfly

Restore Mission Blue habitat: volunteer in Marin or San Mateo Counties

Myrtle's Silverspot Butterfly 

Reintroduce populations: encourage reintroduction of the Myrtle's

California Freshwater Shrimp

Conserve freshwater for the Shrimp: minimize water leaks in your home

Black Abalone

Fight poaching: ask public officials to fund game wardens

FISHES

Tidewater Goby

Monitor invasive aquatic species: learn to identify them and report sightings

Coho Salmon, Central California Coast ESU

Rescue trapped Coho: volunteer in Marin to rescue fish from drying streams

Steelhead, California Central Valley DPS

Fund restoration: ask public officials for more GGNP restoration funding

Steelhead, Central California Coast DPS

Restore Steelhead habitat: volunteer in the GGNP restoring riparian areas

Chinook Salmon, Sacramento River Winter-Run ESU

Support the ESA: ask public officials for a strong Endangered Species Act

Chinook Salmon, Central Valley Spring-Run ESU

Reduce pesticide use: eat only local organic foods for a week

North American Green Sturgeon

Reduce household & yard toxins: replace toxins with earth-friendly products

For detailed information on where to see and how to save the GGNP's 36 endangered species, visit www.wildequity.org.